

16Channel Serial (RS422/485) to Ethernet converter

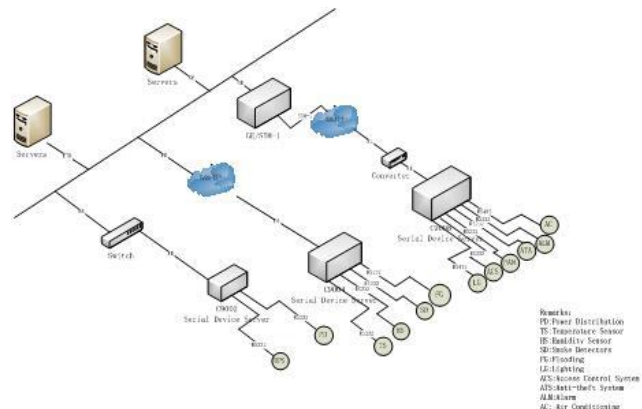
P/N: [ITT-MC4110](#)



The ITTELECOM's Serial Server (ITT-16SERIAL-ETH) is the best choice for simple serial to Ethernet connectivity applications. Delivering a cost-effective solution in a compact size, the serial server offers flexibility making it ideal for applications that require an authentic serial connection across an Ethernet network.

The serial to ethernet servers can connect 16ports serial (RS422/RS485) devices to Ethernet network, it supports RS422/S485 Serial Standards, it can be widely applied in different fields for such as PLCs, sensors, meters, motors, drives, barcode readers, and operator displays. The 8channel serial to ethernet servers is ultra-lean, ruggedized, and user friendly, making simple and reliable serial to Ethernet solutions possible. User can configure every port as RS422 or RS485.

- Built-in 15 KV ESD protection for all serial signals
- Web-based configuration
- Support TCP server/ TCP client/UDP/Virtual COM Socket modes
- It provides rich working mode to realize the serial devices connect to network immediately.
- It supports the Real com/TTY drive that is compatible with the original software system completely
- It has a compact structure, adopting high-performance processor and high-capacity memory;
- Device Manager software for centralized management and control;
- WEB browser for remote setup of the equipment;
- It can support 16channel serial port , RS422 or RS485,user can freely choose the RS422 or RS485 serial type.
- Ethernet supports 10M/100M, full-duplex / half-duplex and adaptive modes;



SERVICES:
Guaranteed Warranty



Specifications:

Application	<ul style="list-style-type: none"> ➤ Connect serial devices to server-based applications over an IP network ➤ Manage remote serial console ports over an IP network ➤ Virtual modem capability for modem-based applications
Ethernet Interface	<ul style="list-style-type: none"> ➤ Speed: 10/100Mbps ➤ Number of ports: 2 ➤ Protocol: Support IEEE 802.3 ➤ connector: RJ45 connector ➤ Magnetic Isolation Protection: 1.5 KV built-in
Serial interface	<ul style="list-style-type: none"> ➤ Software and hardware flow control ➤ Terminal Block (3 pins per port) ➤ TX and RX activity indicators
Serial Line Protection:	<ul style="list-style-type: none"> ➤ EN 61000-4-2 (ESD) Level 4 ➤ EN 61000-4-5 (Surge) Level 2 ➤ EN 61000-4-4 (EFT) Level 3
Serial Communication Parameters	<ul style="list-style-type: none"> ➤ Data Bits: 5, 6, 7, 8 ➤ Stop Bits: 1, 1.5, 2 ➤ Parity: None, Even, Odd, Space, Mark ➤ Baud rate: 110 bps to 460.8 Kbps
Serial Signals	<ul style="list-style-type: none"> ➤ RS-422: TxD+,TxD-, RxD+,RxD-,GND ➤ RS-485 half: Data+, Data-, GND ➤ RS-485 full: TxD+,TxD-, RxD+,RxD-,GND
Software	<ul style="list-style-type: none"> ➤ Network Protocols: ICMP, IP, TCP, UDP, HTTP, ARP, ➤ Configuration Options: Built-in WEB server, ➤ Windows Virtual COM Drivers: Windows 2000/XP/2003/Vista/2008/7
Dimension	<ul style="list-style-type: none"> ➤ 438.5 x 259 x 45mm 19inch rack mount
Environmental Limits	<ul style="list-style-type: none"> ➤ Operating Temperature: 0 to 50°C ➤ Storage Temperature: -40 to 85°C ➤ Ambient Relative Humidity: 5 to 95% (non-condensing)
Power Requirements	<ul style="list-style-type: none"> ➤ Input Voltage: -48VDC, 110VAC and 220VAC (See Ordering Information) ➤ Power Consumption: <15 watts

SERVICES:
Guaranteed Warranty



Ordering Information:

Model	Description
ITT-16SERIAL-ETH-AC	16Serial to Ethernet converter, RS422/RS485 selectable, 2-port 10M/100M Ethernet, 19" rack mounting installation, Build in power 220VAC
ITT-16SERIAL-ETH-DC	16Serial to Ethernet converter, RS422/RS485 selectable, 2-port 10M/100M Ethernet, 19" rack mounting installation, Build in power 48VDC

SERVICES:
Guaranteed Warranty

